

DIGITAL FILES DESCRIPTION FOR GEOLOGIC MAP OF THE MOUNT TRUMBULL 30' x 60' QUADRANGLE, MOHAVE AND COCONINO COUNTIES, NORTHWESTERN ARIZONA

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Database by Debra Block

INTRODUCTION

This readme document serves to introduce the digital files that are included in this publication. They are available for downloading at <http://pubs.usgs.gov> and include both Geographic Information System (GIS) software files (both raster and vector data) that are viewable with an Environmental Systems Research Institute (ESRI) compatible commercial GIS (or with ESRI's ArcReader utility; a free map viewer with no editing capabilities) as well as Portable Document Format (PDF) files that are viewable with a reader or web browser plug-in available for free on the internet.

Due to the discovery of digital and geologic errors on the original files, this database differs from the printed map, Geologic Investigations Series I-2766, and the online PDF file. The pamphlet that accompanies the paper map contains an appendix titled Digital Database Description. That information is no longer germane.

For the digital database description please refer to the FGDC compliant metadata file available online in text format. For the geologic summary, setting, and structure please refer to the pamphlet accompanying the printed map and available online in PDF format.

I-2766 DIGITAL CONTENTS

Three download packages are available depending on the resources available to the user:

- 1) A **Geodatabase** package that contains geologic vector data stored as data objects within an ESRI format personal geodatabase, raster data stored in TIFF format, an ESRI map document for use with ArcGIS 8.3 which allows full control of editing and rendering of the data sources, a custom style, i2766.style, for cartographic rendering that meets the standards for geologic map symbolization, an ESRI published map document for use with ArcReader which allows viewing and querying of the source data, and a PDF file of this readme document.
- 2) A **Shapefile** package that contains shapefiles exported from the personal geodatabase, excepting an Annotation Feature Class containing fault, fold, and graben names not storable in the shapefile format, and a PDF file of this readme document. The shapefiles have not been symbolized.
- 3) A **PDF** file of the published Geologic Investigations map sheet at true scale, a PDF file of the accompanying pamphlet, and a PDF file of this readme document.

Each package has been compressed into a single file (.zip extension) using WinZip, a freely downloadable compression software utility (download from <http://www.winzip.com>). Each compressed file will uncompress into a folder containing the associated files.

If you:

- Have access to ArcGIS 8.3, download the Geodatabase package and open the map document (.mxd extension) from ArcGIS (preferably version 8.3, but 8.2 should work as well).
- Have access to ArcView 3.x (or a GIS that can read shapefiles), download the Shapefile package.
- Do not have access to a GIS but wish to view and query the data, download the Geodatabase package and open the published map document (.pmf extension) from ArcReader (free download from <http://www.esri.com>).
- Do not have access to a GIS and only wish to print the map sheet or parts of it, download the PDF package and open them from Adobe Reader 5.0 (free download from <http://www.adobe.com>). Note that the map sheet printed at the true scale of 1:100,000 is 38x54 inches and will require a large-format plotter.

1) GEODATABASE PACKAGE

Geodatabase data objects

MountTrumbull.mdb

Description

An ESRI personal geodatabase with one feature dataset and four simple feature classes

f36113a1.tif

A Digital Raster Graphic of the USGS topographic map

Map document files

MountTrumbull.mxd

Map document created in ArcGIS 8.3 containing the data rendering and symbolization information that was used in the production of the Geologic Investigations map sheet. All symbols and color information should be accessible after i2766.style is installed and referenced in ArcGIS.

MountTrumbull.pmf

Published map document created from MountTrumbull.mxd for use with ArcReader. It contains all of the same rendering and symbolization information that is in the original .mxd. Features may be queried with the identify tool in the same way they could in the .mxd, but there are no editing capabilities with this utility.

PDF file

I2766README.pdf

PDF file of this readme document

Metadata

I2766.met

FGDC compliant metadata

2) SHAPEFILE PACKAGE

Shapefiles

mtr_geoarc.shp
mtr_geopoly.shp
mtr_point.shp
mtr_fold.shp
mtr_faultball.shp

Description

Shapefiles exported from the personal geodatabase. An annotation feature class containing fault, fold, and graben names was not storable in shapefile format. The shapefiles have not been symbolized.

Rasters

f36113a1.tif

A Digital Raster Graphic of the USGS topographic map

PDF file

I2766README.pdf

PDF file of this readme document

3) PORTABLE DOCUMENT FORMAT (ADOBE ACROBAT 5.0))

Files Description

I2766.pdf

A PDF file containing an image of the entire printed Geologic Investigations map sheet, exported from Adobe Illustrator

PDF file

I2766README.pdf

PDF file of this readme document

I2766pamphlet.pdf

Pamphlet to accompany the geologic map

OBTAINING THE DIGITAL DATA

The digital data for this map can be obtained by any of three ways:

- 1) Download from the Western Region Geologic Information Web Page
- 2) Anonymous ftp over the Internet
- 3) Request a compact disc (CD) of the files.

1) TO OBTAIN THE FILES FROM THE U.S. GEOLOGICAL SURVEY WEB PAGES

The U.S. Geological Survey supports a set of graphical pages on the World Wide Web. Digital publications

(including this one) can be accessed via these pages. The location of the main Web page for the entire U.S. Geological Survey is <http://www.usgs.gov>. The Web server for digital publications from the Western Region is <http://geopubs.wr.usgs.gov>. To access files for this Geologic Investigations report, go to <http://geopubs.wr.usgs.gov/i-map/i2766/>.

2) TO OBTAIN THE FILES BY FTP

The files in this report are stored on the U.S. Geological Survey Western Region FTP server. The Internet ftp address of this server is <ftp://geopubs.wr.usgs.gov/>. The user should log in with the user name 'anonymous' and then input their e-mail address as the password. This will give the user access to all the publications available via ftp from this server. The files in this report are stored in the subdirectory [/pub/i-map/i2766/](ftp://geopubs.wr.usgs.gov/pub/i-map/i2766/).

3) TO OBTAIN A CD OF THE FILES

A CD of any or all of the digital files described here can be obtained by sending a request and return address to:

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U.S. Geological Survey
2255 N. Gemini Dr.
Flagstaff, AZ 86001
or by email: dblock@usgs.gov